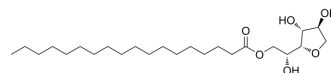


Sorbitan monoctadecanoate

Cat. No.:	HY-W129593		
CAS No.:	1338-41-6		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	Ethanol : 5 mg/mL (ultrasonic and warming and heat to 60°C)
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.5 mg/mL (Infinity mM); Clear solution Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 0.5 mg/mL (Infinity mM); Clear solution

BIOLOGICAL ACTIVITY

Description	<p>Sorbitan monoctadecanoate is a hydrophobic nonionic surfactant. Sorbitan monoctadecanoate can be used as an excipient, such as emulsifiers, nonionic surfactants, solubilizers, wetting and dispersing/suspending agents. Pharmaceutical excipients, or pharmaceutical auxiliaries, refer to other chemical substances used in the pharmaceutical process other than pharmaceutical ingredients. Pharmaceutical excipients generally refer to inactive ingredients in pharmaceutical preparations, which can improve the stability, solubility and processability of pharmaceutical preparations. Pharmaceutical excipients also affect the absorption, distribution, metabolism, and elimination (ADME) processes of co-administered drugs [1][2].</p>
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REFERENCES

- [1]. Murdan S, et al. Novel sorbitan monostearate organogels[J]. Journal of pharmaceutical sciences, 1999, 88(6): 608-614.
- [2]. Elder DP, et al. Pharmaceutical excipients - quality, regulatory and biopharmaceutical considerations. Eur J Pharm Sci. 2016 May 25;87:88-99.

Caution: Product has not been fully validated for medical applications. For research use only.

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